5N \$5

(FILE 'HOME' ENTERED AT 07:10:20 ON 13 FEB 2007)

| | FILE 'MEDL | INE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 07:10:37 ON 13 FEB 2007 |
|-----|------------|---|
| Ll | 36820 | S DRAGHIA-AKLI?/AU OR ABRUZZESE?/AU OR KERN?/AU |
| L2 | 194 | S L1 AND GROWTH HORMONE |
| L3 | 12 | S L2 AND OPTIMIZ? |
| L4 | 8 | DUP REM L3 (4 DUPLICATES REMOVED) |
| L5 | 8914 | S GROWTH HORMONE RELEASING HORMONE |
| L6 | 82 | S L5 AND CODON |
| L7 | 39 | DUP REM L6 (43 DUPLICATES REMOVED) |
| L8 | 5 | S L7 AND GENE THERAPY |
| L9 | 5 | DUP REM L8 (0 DUPLICATES REMOVED) |
| L10 | 1237 | S CODON-OPTIMIZ? |
| L11 | 383 | S L10 AND PLASMID |
| L12 | 243 | DUP REM L11 (140 DUPLICATES REMOVED) |
| L13 | 243 | DUP REM L12 (O DUPLICATES REMOVED) |
| L14 | 213634 | S GROWTH HORMONE |
| L15 | 21 | S L14 AND (CODON(3A)OPTIMIZ?) |
| L16 | 20 | DUP REM L15 (1 DUPLICATE REMOVED) |
| L17 | 1759 | S CODON (3A)OPTIMIZ? |
| L18 | 86 | S L17 AND GENE THERAPY |
| L19 | 62 | DUP REM I.18 (24 DUPLICATES REMOVED) |



| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|---------------------------------------|---|---------------------|---------|------------------|
| L1 | 4824 | codon near3 optimiz\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |
| L2 | 2825 | L1 and (gene\$4 near3 therap\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |
| L3 | 186 | (codon near3 optimiz\$6).ab. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |
| L4 | 3 | pav0201 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |
| L5 | . 4 | ("2003049700").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/02/13 07:09 |
| L6 | 2 | ("6423693").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR · | OFF | 2007/02/13 07:09 |
| L7 | 2 | ("6551996").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/02/13 07:09 |
| L8 | 55 | "autonomously replication sequence" . | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |
| L9 | 2657 | "autonomously replicating sequence" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |
| L10 | 88 | L9 and plasmid.ab. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR . | ON | 2007/02/13 07:09 |
| L11 | 33 | pneo same tn5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR . | ON | 2007/02/13 07:09 |

EAST Search History

| | | r | , | | | |
|-----|------|---|---|-------------|-----------------|------------------|
| L12 | 2 | ("200026371").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/02/13 07:09 |
| L13 | 10 | (("6551996") or ("6114148") or ("5292721") or ("5134120") or ("5061690")).PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/02/13 07:09 |
| L14 | 5 | (("6551996") or ("6114148") or ("5292721") or ("5134120") or ("5061690")).PN. | USPAT | OR | OFF | 2007/02/13 07:09 |
| L15 | 1 | ("5756264").PN. | USPAT | OR | OFF | 2007/02/13 07:09 |
| L16 | · 1 | ("6423493").PN. | USPAT | OR | OFF | 2007/02/13 07:09 |
| L17 | 1 | ("6423693").PN. | USPAT | OR | OFF | 2007/02/13 07:09 |
| L18 | 6201 | "draghia-akli".in. or abruzzese.in. or kern.in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |
| L19 | 57 | L18 and "growth hormone" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |
| L20 | 24 | L19 and codon | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |
| L21 | 4327 | "gene replacement" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |
| L22 | 626 | L21 same plasmid | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |
| L23 | 51 | L22 and (codon near5 optimiz\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |
| L24 | 2575 | L21 and (gene\$2 near3 therap\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON _. | 2007/02/13 07:09 |
| L25 | 297 | L24 and (codon near5 optimiz\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |

EAST Search History

| | | | Τ | T | 1 | 1 |
|-----|--------|---|---|----|-----|------------------|
| L26 | 2448 | vector same (autonomously near replicat\$4 near sequence) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |
| L27 | 1886 | L26 same plasmid | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |
| L28 | 286296 | L27 and gene therapy | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |
| L29 | 500 | L27 and "gene therapy" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |
| L30 | 18 | vector same (autonomously near replicat\$4 near sequence).ab. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |
| L31 | 84 | vector same ("growth hormone" near3 untranslated) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |
| L32 | 2 | "10/619939" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |
| L33 | 2 | L32 and "species specific" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |
| L34 | 2 | ("6551996").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/02/13 07:09 |
| L35 | 2 | "10/619939" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |
| L36 | 1 | L35 and "codon modification" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/02/13 07:09 |